Peak District National Park

Forecast valid from 00:00 on Saturday 18 Jun 2022 until 23:59 on Sunday 19 Jun 2022

Forecast Issued on Friday 17 Jun 2022 at 13:19

Confidence: Low for extent and timing of any rain Saturday. Otherwise high for re-establishment of fine, fresher conditions from Sunday onwards.

Headline for Saturday 18 Jun 2022: A markedly fresher day, but rain stalling nearby to the south likely to make erratic inroads northwards later. Conditions most likely deteriorating.

Mountain weather hazards on Saturday 18 Jun 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Drizzle	Light rain	Cloudy	Light rain	Heavy Rain	Heavy Rain	Light rain
Precipitation probability							
20%	30%	30%	20%	40%	60%	70%	40%

Forecast for Saturday 18 Jun 2022

Weather: Notably high uncertainty in timing and extent of rain through Saturday. Much fresher than on Friday, but at the expense of fine weather. Probably best early on, with cloudy conditions in the early hours increasingly likely to give way to some rain into daybreak. This may be light and intermittent at first, perhaps easing entirely for a time, but with a risk of returning northwards later, by this time punctuated by heavier spells of rain before perhaps eventually clearing in the evening.

Chance of cloud-free hill tops above 600m: 90% but falling, perhaps 20% later

Low cloud and visibility: Slopes probably largely free of cloud early on, with visibility likely to be diminished by drizzle. Visibility perhaps briefly improving before sharply deteriorating in rain later, with cloud perhaps lowering to 400 metres to end the day.

Forecast for Saturday 18 Jun 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/19 W	10/14 NW	7/11 NW	8/12 NW	8/12 W	13/19 W	10/15 W	11/16 W	11/16 W
300	9/13 NW	8/12 NW	6/9 NW	6/10 NW	5/9 W	10/17 W	7/12 W	7/11 W	7/12 W
Valley	7/13 NW	6/13 NW	4/9 NW	6/10 NW	5/11 W	8/16 W	5/10 W	5/10 W	4/8 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	9/7	9/7	10/8	10/9	9/6	6/3	6/3	6/3
300	14/12	12/10	11/10	12/11	13/12	11/9	9/7	8/6	8/6
Valley	14/13	12/11	12/11	13/12	14/13	12/10	10/9	9/8	8/8
Freezing Level*	3200m	2700m	1500m	1200m	1300m	1900m	2300m	1900m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Temperatures will be significantly down on Friday's, perhaps more significantly than shown later in the dayshould rainfall detail alter.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 17 Jun 2022	0mm	0mm	0mm

Forecast for Sunday 19 Jun 2022

Weather: A much brighter and drier day than on Saturday, with a relatively thin layer of cloud above the peaks developing some breaks to reveal sunny spells. Remaining much fresher than on Friday.

Maximum wind: Northwesterly becoming northeasterly 20mph.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Early patchy lo cloud down to around 400 metres should soon disperse, with visibility likely to be very good thereafter.

Temperature: **Valleys:** Plus 3 becoming plus 18 degrees Celsius.
At 600m: Plus 9 degrees Celsius.
Freezing level: Well above the peaks.